

# Material Safety Data Sheet

Chemical Specialties, Inc.

PO Box 27095

Overland Park, KS 66225-7095

## NFPA HAZARD RATING

4-EXTREME  
3-HIGH  
2-MODERATE  
1-SLIGHT  
0-INSIGNIFICANT

HEALTH 1  
FIRE 0  
REACTIVITY 0  
SPECIAL 0

Date: Revised July 1, 1993

## I. General Information

Product type Rinse Additive

Trade Name RINSE 50

Chemical Family: Inorganic salt

Formula: Aluminum hydroxychloride in water base.

Manufacturer Chemical Specialties, Inc.

Manufacture's Address: PO Box 27095  
Overland Park, KS 6225-7095

Mfg's Phone #  
513-868-9662

Chemtrec's Phone #  
1-800-424-9300

Proper DOT Shipping Name : Compound cleaning liquid

DOT Hazard Class  
N/A

## II. Hazardous Compounds

Hazardous Components	CAS #	Percent	Exposure Limits (PEL/TLV)
N/A			

## III. Physical Data

Boiling Point	About the same as water.	Specific Gravity	1.320
Solubility in Water	Complete	Percent Volatile (wt.)	50
pH	N/A	Evaporation Rate	Slower than water
Appearance	Clear to slightly hazy liquid	Odor	Negligible odor
VOC's (% wt.)	N/A	Other	N/A

## IV. Fire & Explosive Hazard Data

Flash Point (F)	N/A				
Auto Ignition Temperature	N/A	Flammable Limits:	LEL	N/A	UEL N/A
Extinguishing Media	N/A				
Special Fire & Fighting Procedures: May decompose to hydrogen chloride, so wear self-contained breathing apparatus if fumes are present.					
Unusual Fire & Explosion Hazards: May build up pressure and rupture a sealed container.					

**V. Health Hazard Data**

OSHA (PEL)	N/A	ACGGIH (TLV)	N/A
Listed as carcinogen (known or potential)	NTP:	No	IARC:
Symptoms of Exposure: May irritate skin and eyes.			

Medical Conditions Aggravated by Exposure: N/A

Primary Route(s) of Entry:

Skin Contact ☒ Eye Contact ☒ Ingestion ☒ Inhalation ☐ Absorption ☐

Emergency First Aid:

For skin – rinse skin with water.

For eyes – rinse with water for 15 minutes and get medical attention.

For ingestion – Do not induce vomiting. Get medical attention

**VI. Reactivity Data**

Stability: Stable ☒ Unstable ☐

Conditions to Avoid:

Incompatibility: Materials to Avoid May slowly corrode iron, brass, copper, aluminum & mild steel.

Hazardous Polymerization: May occur ☐ Will not occur ☒

Hazardous Decomposition Products: None known

**VII. Environmental Protection Procedures**

Spill Response: Wipe up, rinse with water or use floor absorbent.

Waste Disposal Method: Check federal, state and local regulations.

**VIII. Special Protection Information**

Eye Protection: Goggles or safety glasses Skin Protection: N/A

Respiratory Protection: Not necessary Ventilation Recommended: fans

Other Protection: N/A

**IX. Special Precautions**

Hygienic Practices in Handling and Storage: Avoid eye and extended skin contact. Store at Moderate temperatures.

Precautions for Repair & Maintenance of Contaminated Equipment: Consult Sections V & VIII to insure safe procedures.

Other Precautions: Keep from freezing.

The information and recommendations contained herein are based upon data believed to be correct. However, no warranty or guarantee of any kind, expressed or implied, is made and all liability is disclaimed from reliance thereon.